

**METHODS FOR BINDING AN EXOGENOUS MOLECULE  
TO CELLULAR CHROMATIN**

**ABSTRACT OF THE DISCLOSURE**

5 Disclosed herein are methods for binding an exogenous molecule to a binding site within a region of interest in cellular chromatin and methods for identifying a binding site in cellular chromatin for an exogenous molecule. The methods include identification of one or more accessible regions in cellular chromatin, identification of a target site within the accessible region, introduction of the exogenous molecule into the cell, and testing for  
10 the binding of the exogenous molecule to the binding site.